



MATERIAL SAFETY DATA SHEET

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ICI Paints North America

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RALPH LAUREN INTERIOR MATTE

RL11XX

HAZARDS IDENTIFICATION

(ANSI Section 3)

Primary route(s) of exposure : Inhalation, skin contact, eye contact, ingestion.

Effects of overexposure :

Inhalation : Irritation of respiratory tract, lungs. Prolonged inhalation may lead to mucous membrane irritation, drowsiness, dizziness and/or lightheadedness, headache, chest pain, coughing, central nervous system depression, difficulty of breathing, severe lung irritation or damage, kidney damage, pneumoconiosis.

Skin contact : Irritation of skin. Prolonged or repeated contact can cause dermatitis, defatting. Possible sensitization to skin.

Eye contact : Irritation of eyes. Prolonged or repeated contact can cause conjunctivitis, tearing of eyes, redness of eyes.

Ingestion : Ingestion may cause mouth and throat irritation, dizziness and/or lightheadedness, headache, nausea, vomiting, gastro-intestinal disturbances, severe abdominal pain, abdominal pain, apathy, central nervous system depression, respiratory problems, intoxication, kidney damage, pulmonary edema, loss of consciousness, acute poisoning, respiratory failure, cardiac failure, brain damage.

Medical conditions aggravated by exposure : Eye, skin, respiratory disorders, asthma-like conditions, kidney disorders, respiratory disorders.

FIRST-AID MEASURES

(ANSI Section 4)

Inhalation : Remove to fresh air. Restore and support continued breathing. Get emergency medical attention. Have trained person give oxygen if necessary. Get medical help for any breathing difficulty. Remove to fresh air if inhalation causes eye watering, headaches, dizziness, or other discomfort.

Skin contact : Wash thoroughly with soap and water. If any product remains, gently rub petroleum jelly, vegetable or mineral/baby oil onto skin. Repeated applications may be needed. Remove contaminated clothing. Wash contaminated clothing before re-use.

Eye contact : Flush immediately with large amounts of water, especially under lids for at least 15 minutes. If irritation or other effects persist, obtain medical treatment.

Ingestion : If swallowed, obtain medical treatment immediately.

FIRE-FIGHTING MEASURES

(ANSI Section 5)

Fire extinguishing media : Dry chemical or foam water fog. Carbon dioxide. Closed containers may burst if exposed to extreme heat or fire. In closed tanks, water or foam may cause frothing or eruption.

Fire fighting procedures : Water may be used to cool and protect exposed containers. Firefighters should use full protective clothing, eye protection, and self-contained breathing apparatus. Self-contained breathing apparatus recommended.

Hazardous decomposition or combustion products : Carbon monoxide, carbon dioxide, acrid fumes. Acrylic monomers oxides of calcium.

ACCIDENTAL RELEASE MEASURES

(ANSI Section 6)

Steps to be taken in case material is released or spilled : Comply with all applicable health and environmental regulations. Eliminate all sources of ignition. Ventilate area. Spills may be collected with absorbent materials. Evacuate all unnecessary personnel. Place collected material in proper container. Small spills - use absorbent to pick up residue and dispose of properly.

HANDLING AND STORAGE

(ANSI Section 7)

Handling and storage : Store below 100f (38c). Keep away from heat, sparks and open flame. Keep from freezing.

Other precautions : Use only with adequate ventilation. Do not take internally. Keep out of reach of children. Avoid contact with skin and eyes, and breathing of vapors. Wash hands thoroughly after handling, especially before eating or smoking. Keep containers tightly closed and upright when not in use. Avoid conditions which result in formation of inhalable particles such as spraying or abrading (sanding) painted surfaces. If such conditions cannot be avoided, use appropriate respiratory protection as directed under exposure controls/personal protection.

EXPOSURE CONTROLS/PERSONAL PROTECTION

(ANSI Section 8)

Respiratory protection : Control environmental concentrations below applicable exposure standards when using this material. When respiratory protection is determined to be necessary, use a NIOSH/MSHA (Canadian z94.4) Approved elastomeric sealing- surface facepiece respirator outfitted with organic vapor cartridges and paint spray (dust/mist) prefilters. Determine the proper level of protection by conducting appropriate air monitoring. Consult 29CFR1910.134 For selection of respirators (Canadian z94.4).

Ventilation : Provide dilution ventilation or local exhaust to prevent build-up of vapors.

Personal protective equipment : Eye wash, safety shower, safety glasses or goggles. Impervious gloves, impervious clothing.

STABILITY AND REACTIVITY

(ANSI Section 10)

Under normal conditions : Stable see section 5 fire fighting measures

Materials to avoid : Oxidizers, acids, hydrogen fluoride.

Conditions to avoid : Elevated temperatures, contact with oxidizing agent, freezing, sparks, open flame.

Hazardous polymerization : Will not occur

TOXICOLOGICAL INFORMATION

(ANSI Section 11)

Supplemental health information : No additional effects are anticipated

Carcinogenicity : Contains crystalline silica which is considered a hazard by inhalation. IARC has classified crystalline silica as carcinogenic to humans (group 1). Crystalline silica is also a known cause of silicosis, a noncancerous lung disease. The national toxicology program (NTP) has classified crystalline silica as a known human carcinogen.

Reproductive effects : No reproductive effects are anticipated

Mutagenicity : No mutagenic effects are anticipated

Teratogenicity : Some laboratory test results have shown ethylene glycol to be an animal teratogen. However, an expert panel convened by the national toxicology program's center for the evaluation of risks to human reproduction (cehr) conducted a review of the scientific literature and concluded that ethylene glycol does not present a significant concern with respect to developmental and reproductive toxicity in humans.

ECOLOGICAL INFORMATION

(ANSI Section 12)

No ecological testing has been done by ICI paints on this product as a whole.

DISPOSAL CONSIDERATIONS

(ANSI Section 13)

Waste disposal : Dispose in accordance with all applicable regulations. Avoid discharge to natural waters.

The information contained herein is based on data available at the time of preparation of this data sheet which ICI Paints believes to be reliable. However, no warranty is expressed or implied regarding the accuracy of this data. ICI Paints shall not be responsible for the use of this information, or of any product, method or apparatus mentioned and you must make your own determination of its suitability and completeness for your own use. for the protection of the environment, and the health and safety of your employees and the users of this material. Complies with OSHA hazard communication standard 29CFR1910.1200.

REGULATORY INFORMATION

(ANSI Section 15)

As of the date of this MSDS, all of the components in this product are listed (or are otherwise exempt from listing) on the TSCA inventory. This product has been classified in accordance with the hazard criteria of the CPR (controlled products regulations) and the MSDS contains all the information required by the CPR.

Physical Data

(ANSI Sections 1, 9, and 14)

| Product Code | Description | Wt. / Gal. | VOC gr. / ltr. | % Volatile by Volume | Flash Point | Boiling Range | HMIS | DOT, proper shipping name |
|--------------|--|------------|----------------|----------------------|-------------|---------------|------|-----------------------------------|
| RL1190 | ralph lauren interior matte polo mallet white | 12.25 | 98.38 | 61.42 | none | 212-400 | *210 | paint ** protect from freezing ** |
| RL1191 | ralph lauren interior matte brilliant white (also tint base) | 12.22 | 99.22 | 61.55 | none | 212-400 | *210 | paint ** protect from freezing ** |
| RL1192 | ralph lauren interior matte deeptone tinting base | 10.59 | 98.62 | 62.67 | none | 212-400 | *210 | paint ** protect from freezing ** |
| RL1193 | ralph lauren interior matte neutral tinting base | 10.00 | 69.14 | 69.50 | none | 212-212 | 110 | paint ** protect from freezing ** |

Ingredients

Product Codes with % by Weight (ANSI Section 2)

| Chemical Name | Common Name | CAS. No. | RL1190 | RL1191 | RL1192 | RL1193 |
|---|--------------------------------|------------|--------|--------|--------|--------|
| 1,2-ethanediol | ethylene glycol | 107-21-1 | 1-5 | 1-5 | 1-5 | |
| limestone | limestone | 1317-65-3 | 20-30 | 20-30 | | 10-20 |
| titanium oxide | titanium dioxide | 13463-67-7 | 10-20 | 10-20 | 5-10 | |
| quartz | quartz | 14808-60-7 | 1-1.0 | 1-1.0 | | 1-1.0 |
| aluminum hydroxide | aluminum hydroxide | 21645-51-2 | 1-5 | 1-5 | | |
| 2-propenoic acid, butyl ester, polymer with ethenyl acetate | vinyl acrylic latex | 25067-01-0 | 10-20 | 10-20 | 10-20 | |
| propanoic acid, 2-methyl-, monoester with 2,2,4-trimethyl-1,3-pentanediol | texanol | 25265-77-4 | 1-5 | 1-5 | 1-5 | 1-5 |
| nepheline syenite | feldspar-type minerals | 37244-96-5 | | | 10-20 | |
| kieselguhr | diatomaceous earth, uncalcined | 61790-53-2 | | | | 1-5 |
| ceramic materials and wares, chemicals | calcined kaolin clay | 66402-68-4 | 1-5 | 1-5 | 5-10 | |
| silica | amorphous silica | 7631-86-9 | 1-5 | 1-5 | | |
| water | water | 7732-18-5 | 30-40 | 30-40 | 40-50 | 50-60 |
| acrylic resin | acrylic resin | Sup. Conf. | | | | 10-20 |

Chemical Hazard Data

(ANSI Sections 2, 8, 11, and 15)

| Common Name | CAS. No. | ACGIH-TLV | | | | OSHA-PEL | | | | S.R. Std. | S2 | S3 | CC | H | M | N | I | O |
|--------------------------------|------------|------------|----------|-----------|----------|------------|----------|----------|----------|-----------|----|----|----|---|---|---|---|---|
| | | 8-Hour TWA | STEL | C | S | 8-Hour TWA | STEL | C | S | | | | | | | | | |
| ethylene glycol | 107-21-1 | not est. | not est. | 100 mg/m3 | not est. | not est. | not est. | not est. | not est. | not est. | n | y | y | y | n | n | n | n |
| limestone | 1317-65-3 | 10 mg/m3 | not est. | not est. | not est. | 5 mg/m3 | not est. | not est. | not est. | not est. | n | n | n | n | n | n | n | n |
| titanium dioxide | 13463-67-7 | 10 mg/m3 | not est. | not est. | not est. | 10 mg/m3 | not est. | not est. | not est. | not est. | n | n | n | n | n | n | n | n |
| quartz | 14808-60-7 | .05 mg/m3 | not est. | not est. | not est. | 0.1 mg/m3 | not est. | not est. | not est. | not est. | n | n | n | n | n | y | y | n |
| aluminum hydroxide | 21645-51-2 | 10 mg/m3 | not est. | not est. | not est. | 5 mg/m3 | not est. | not est. | not est. | not est. | n | n | n | n | n | n | n | n |
| vinyl acrylic latex | 25067-01-0 | not est. | not est. | not est. | not est. | not est. | not est. | not est. | not est. | not est. | n | n | n | n | n | n | n | n |
| texanol | 25265-77-4 | not est. | not est. | not est. | not est. | not est. | not est. | not est. | not est. | not est. | n | n | n | n | n | n | n | n |
| feldspar-type minerals | 37244-96-5 | 5 mg/m3 | not est. | not est. | not est. | not est. | not est. | not est. | not est. | not est. | n | n | n | n | n | n | n | n |
| diatomaceous earth, uncalcined | 61790-53-2 | 10 mg/m3 | not est. | not est. | not est. | 6 mg/m3 | not est. | not est. | not est. | not est. | n | n | n | n | n | n | n | n |
| calcined kaolin clay | 66402-68-4 | not est. | not est. | not est. | not est. | not est. | not est. | not est. | not est. | not est. | n | n | n | n | n | n | n | n |
| amorphous silica | 7631-86-9 | 10 mg/m3 | not est. | not est. | not est. | 6 mg/m3 | not est. | not est. | not est. | not est. | n | n | n | n | n | n | n | n |

Footnotes:

C=Ceiling - Concentration that should not be exceeded, even instantaneously.

S=Skin - Additional exposure, over and above airborne exposure, may result from skin absorption.

n/a=not applicable
not est=not established
CC=CERCLA Chemical

ppm=parts per million
mg/m3=milligrams per cubic meter
Sup Conf=Supplier Confidential

S2=Sara Section 302 EHS
S3=Sara Section 313 Chemical
S.R.Std.=Supplier Recommended Standard

H=Hazardous Air Pollutant, M=Marine Pollutant
P=Pollutant, S=Severe Pollutant
Carcinogenicity Listed By:
N=NTP, I=IARC, O=OSHA, y=yes, n=no